Revised Date: 10-May-07

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07

ABN AMRO Acct : 724523.1

Payment Date:
25-Apr-07

Prior Payment:
26-Mar-07

Next Payment:
25-May-07

Record Date:
24-Apr-07

Distribution Count:
2

Closing Date:
28-Feb-07

First Pay. Date:
26-Mar-07

Rated Final Payment Date:
26-Dec-36

Determination Date:
16-Apr-07

Delinq Method:
OTS

Content: ***Pages***

Contact Information:

Analyst:	Henry Brigham	714.259.6830
	henry.brigham@abnamro.com	
Administrator:	Kim Sturm	312.904.4373
	kimberly.sturm@abnamro.com	
LaSalle Website:	www.etrustee.net	

Outside Parties To The Transaction

Depositor: Morgan Stanley Capital I Inc./Morgan Stanley Capital I Inc.

Underwriter: Morgan Stanley & Co. Incorporated

Master Servicer: Saxon Mortgage Services, Inc.

Rating Agency: Standard & Poor's Rating Services/Moody's Investors Service/Moody's Investors Service, Inc./Standard & Poor's Ratings Services

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Master REMIC

Class	CUSIP	Original Face Value [1]	Beginning Certificate Balance	Principal Payment	Principal Adjustment or Loss	Deferred Interest	Ending Certificate Balance	Interest Payment [2]	Interest Adjustment	Pass-Through Rate
A-1	61751PAA5	206,221,000.00	200,314,497.72	6,743,336.57	0.00	0.00	193,571,161.15	914,769.54	0.00	5.4800000000%
M-1	61751PAB3	15,478,000.00	15,478,000.00	0.00	0.00	0.00	15,478,000.00	73,907.45	0.00	5.7300000000%
M-2	61751PAC1	14,567,000.00	14,567,000.00	0.00	0.00	0.00	14,567,000.00	69,800.21	0.00	5.7500000000%
M-3	61751PAD9	6,676,000.00	6,676,000.00	0.00	0.00	0.00	6,676,000.00	32,211.70	0.00	5.7900000000%
M-4	61751PAE7	15,326,000.00	15,326,000.00	0.00	0.00	0.00	15,326,000.00	81,355.52	0.00	6.3700000000%
M-5	61751PAF4	4,248,000.00	4,248,000.00	0.00	0.00	0.00	4,248,000.00	23,434.80	0.00	6.6200000000%
B-1	61751PAG2	6,676,000.00	6,676,000.00	0.00	0.00	0.00	6,676,000.00	43,505.27	0.00	7.8200000000%
B-2	61751PAH0	4,552,000.00	4,552,000.00	0.00	0.00	0.00	4,552,000.00	31,560.53	0.00	8.3200000000%
B-3	61751PAJ6	4,097,000.00	4,097,000.00	0.00	0.00	0.00	4,097,000.00	30,112.95	0.00	8.8200000000%
B-4	61751PAK3/U61922AA5	8,497,000.00	8,497,000.00	0.00	0.00	0.00	8,497,000.00	49,565.83	0.00	7.0000000000%
B-5	61751PAL1/U61922AB3	3,338,000.00	3,338,000.00	0.00	0.00	0.00	3,338,000.00	19,471.67	0.00	7.0000000000%
P	9ABSAS293	100.00	100.00	0.00	0.00	0.00	100.00	11,222.26	11,222.26	N/A
OC	9ABSAS301	13,814,390.99	13,808,812.79	0.00	0.00	0.00	13,808,812.79	1,349,030.35	1,349,030.35	N/A
R	9ABSAS319	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A
Total		303,490,490.99	297,578,410.51	6,743,336.57	0.00	0.00	290,835,073.94	2,729,948.08	1,360,252.61	
							Total P&I Payment	9,473,284.65		

[1] N denotes notional balance not included in total [2] Accrued Interest plus/minus Interest Adjustment minus Deferred Interest equals Interest Payment

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Statement to Certificate Holders (FACTORS)
Master REMIC

Class	CUSIP	Original Face Value	Beginning Certificate Balance *	Principal Payment *	Principal Adjustment or Loss	Deferred Interest *	Ending Certificate Balance *	Interest Payment *	Interest Adjustment*	Next Rate **
A-1	61751PAA5	206,221,000.00	971.358386003	32.699562945	0.000000000	0.000000000	938.658823059	4.435869965	0.000000000	5.48000000%
M-1	61751PAB3	15,478,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.775000000	0.000000000	5.73000000%
M-2	61751PAC1	14,567,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.791666781	0.000000000	5.75000000%
M-3	61751PAD9	6,676,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.825000000	0.000000000	5.79000000%
M-4	61751PAE7	15,326,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.308333551	0.000000000	6.37000000%
M-5	61751PAF4	4,248,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.516666667	0.000000000	6.62000000%
B-1	61751PAG2	6,676,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.516667166	0.000000000	7.82000000%
B-2	61751PAH0	4,552,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.933332601	0.000000000	8.32000000%
B-3	61751PAJ6	4,097,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	7.350000000	0.000000000	8.82000000%
B-4	61751PAK3/U61922AA5	8,497,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.833332941	0.000000000	Fixed
B-5	61751PAL1/U61922AB3	3,338,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.833334332	0.000000000	Fixed
P	9ABSAS293	100.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	112222.600000000	112222.600000000	N/A
OC	9ABSAS301	13,814,390.99	999.596203701	0.000000000	0.000000000	0.000000000	999.596203701	97.653986410	97.653986410	N/A
R	9ABSAS319	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A

* Per $1,000 of Original Face Value   ** Estimated

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary

Interest Summary	
Scheduled Interest	2,842,730.66
Fees	123,990.68
Remittance Interest	2,718,739.98
Other Interest Proceeds/Shortfalls	
Prepayment Penalties	11,222.26
Other Interest Loss	0.00
Other Interest Proceeds	0.00
Non-advancing Interest	0.00
Net PPIS/Relief Act Shortfall	0.00
Modification Shortfall	0.00
Other Interest Proceeds/Shortfalls	11,222.26
Interest Adjusted	2,729,962.24
Fee Summary	
Total Servicing Fees	123,990.68
Total Trustee Fees	0.00
LPMI Fees	0.00
Credit Manager's Fees	0.00
Misc. Fees / Trust Expense	0.00
Insurance Premium	0.00
Total Fees	123,990.68

Principal Summary

Principal Summary	
Scheduled Prin Distribution	104,687.42
Curtailments	94,418.40
Prepayments in Full	6,544,230.75
Liquidation Proceeds	0.00
Insurance Proceeds	0.00
Repurchase Proceeds	0.00
Other Principal Proceeds	0.00
Remittance Principal	6,743,336.57

Advances (Principal & Interest)

Prior Month's Outstanding Advances	N/A
Current Advances	N/A
Reimbursement of Prior Advances	N/A
Outstanding Advances	N/A

Balance Reporting

Beginning Principal Balance	297,578,310.51
Ending Principal Balance	290,834,973.94

Non-Pool Source of Funds

P&I Due Certificate Holders	9,473,298.81

P&I Advances as of the end of the Due Period do not reflect the amount of advances remitted by the Servicer on the Servicer Remittance Date due to additional proceeds received between the end of the Due Period and the Servicer Remittance Date and netted from the P&I Advances stated as of the end of the Due Period.

LaSalle Bank
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Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Pool Detail and Performance Indicators Total (All Loans)

Pool Detail

Pool Level Information

Historical	Amount	Count	
Cut-off Pool Balance	303,490,390.99	5,128	
Cum Scheduled Principal	210,624.51		
Cum Unscheduled Principal	12,444,792.54		
Cum Liquidations	0.00		
Cum Repurchases	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	297,578,310.51	5,048	98.05%
Scheduled Principal	104,687.42		0.03%
Unscheduled Principal	6,644,162.62	95	2.19%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	290,834,973.94	4,953	95.83%
Average Loan Balance	58,718.95		
Current Loss Detail	**Amount**		
Liquidation	0.00		
Realized Loss	0.00		
Realized Loss Adjustment	0.00		
Net Liquidation	0.00		
Credit Enhancement	**Amount**	**%**	
Original OC	13,814,390.99	4.55%	
Target OC	N/A	N/A	
Beginning OC	13,808,812.79		
OC Increase	#VALUE!		
Ending OC	13,808,812.79		
Subordinated Certs	N/A	N/A	

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	Num	Den	%
3 mo. Rolling Average	125,961	300,534,351	0.04%
6 mo. Rolling Average	125,961	300,534,351	0.04%
12 mo. Rolling Average	125,961	300,534,351	0.04%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	0.00	0	
6 mo. Cum loss	0.00	0	
12 mo. Cum Loss	0.00	0	

Triggers

> Delinquency Trigger Event (2)			NO
Delinquency Event Calc (1)	148,365.75	297,578,311	0.05%
> Loss Trigger Event? (3)			NO
Cumulative Loss		0	0.00%
> Overall Trigger Event?			NO
Step Down Date			
Distribution Count	2		
Senior Enhancement %(4)	N/A		
Step Down % (5)	64.10%		
% of Senior Enhancement % (6)	11.82%		
> Step Down Date?			NO
Extra Principal	0.00		
Cumulative Extra Principal	0.00		
OC Release	N/A		

Misc/Additional Information

WA Rates/Life

	Fixed	Adj	Overall
WAC - Remit Current	11.46%	N/A	11.46%
WAC - Remit Original	11.46%	N/A	11.46%
WAC - Current	11.46%	N/A	11.46%
WAC - Original	11.46%	N/A	11.46%
WAL - Current	210.29	N/A	210.29
WAL - Original	211.25	N/A	211.25
Current LIBOR			5.320000%
Next LIBOR			5.320000%

Pool Composition

Properties	Balance	%/Score
Cut-off LTV	60,109,011.34	20.19%
Cash Out/Refinance	62,643,959.69	21.04%
SFR	164,213,548.33	55.15%
Owner Occupied	259,093,964.64	87.02%

	Min	Max	WA
FICO	600	816	701.07

Legend: **(1)** 60 Days+, REO, BK, F/C % **(2)** (1) > (6) * (4), then TRUE **(3)** Condn: Cum Loss > specified thresholds **(4)** Subordinated Certs + OC Amount / Ending Pool Bal **(5)** Defined Benchmark **(6)** Defined Benchmark (Used in Delinq Event Calc) **(7)** Condn: Distn Cnt > 36, (4) > (5)

Note: Delinquency and Loss Event Triggers may be flagged as "Yes" prior to the Step Down Date on account of the percentage thresholds being breached.

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Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Bond Interest Reconciliation - Part I

Class	Method (Accrual)	Days (Accrual)	Opening Balance	Pass-Thru Rate	Accrual Certificate Interest	Total Interest Additions	Total Interest Deductions	Distributable Certificate Interest	Interest Payment Amount	Current Period (Shortfall) / Recovery	Remaining Int Carry-Forward Shortfall (Outstanding)	Remaining Basis Risk Carry-Fwd Shortfall (Outstanding)	Outstanding Relief Act / Prepayment Interest Shortfalls (Outstanding)	Net Cap Rate in Effect Y/N
A-1	Act/360	30	200,314,497.72	5.480000000%	914,769.54	0.00	0.00	914,769.54	914,769.54	0.00	0.00	0.00	0.00	No
M-1	Act/360	30	15,478,000.00	5.730000000%	73,907.45	0.00	0.00	73,907.45	73,907.45	0.00	0.00	0.00	0.00	No
M-2	Act/360	30	14,567,000.00	5.750000000%	69,800.21	0.00	0.00	69,800.21	69,800.21	0.00	0.00	0.00	0.00	No
M-3	Act/360	30	6,676,000.00	5.790000000%	32,211.70	0.00	0.00	32,211.70	32,211.70	0.00	0.00	0.00	0.00	No
M-4	Act/360	30	15,326,000.00	6.370000000%	81,355.52	0.00	0.00	81,355.52	81,355.52	0.00	0.00	0.00	0.00	No
M-5	Act/360	30	4,248,000.00	6.620000000%	23,434.80	0.00	0.00	23,434.80	23,434.80	0.00	0.00	0.00	0.00	No
B-1	Act/360	30	6,676,000.00	7.820000000%	43,505.27	0.00	0.00	43,505.27	43,505.27	0.00	0.00	0.00	0.00	No
B-2	Act/360	30	4,552,000.00	8.320000000%	31,560.53	0.00	0.00	31,560.53	31,560.53	0.00	0.00	0.00	0.00	No
B-3	Act/360	30	4,097,000.00	8.820000000%	30,112.95	0.00	0.00	30,112.95	30,112.95	0.00	0.00	0.00	0.00	No
B-4	30/360	30	8,497,000.00	7.000000000%	49,565.83	0.00	0.00	49,565.83	49,565.83	0.00	0.00	0.00	0.00	No
B-5	30/360	30	3,338,000.00	7.000000000%	19,471.67	0.00	0.00	19,471.67	19,471.67	0.00	0.00	0.00	0.00	No
P			100.00	N/A	0.00	11,222.26	0.00	11,222.26	11,222.26	0.00	0.00	0.00	0.00	No
OC			13,808,812.79	N/A	0.00	0.00	0.00	1,349,030.35	1,349,030.35	0.00	0.00	0.00	0.00	No
Total			297,578,410.51		1,369,695.47	11,222.26	0.00	2,729,948.08	2,729,948.08	0.00	0.00	0.00	0.00	

(1) Basis Risk Carry-Forward Shortfall - difference between LIBOR plus margin and the Net Rate Cap.

LaSalle Bank
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Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Bond Interest Reconciliation - Part II

				- - - Additions - - -						- - - Deductions - - -		
Class	Record Date	Prior Interest Due Date	Current Interest Due Date	Interest Rate SWAP Agreement	Deposits from YM Agreement	Prepayment Premiums	Prior Int Carry-Fwd Shortfall	Prior Shortfall Reimbursement	Other Interest Proceeds [1]	Other Interest Losses	Current Int Carry-Fwd Shortfall [2]	Current Basis Risk Carry-Fwd Shortfall
A-1	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-3	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-4	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-5	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-1	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-2	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-3	24-Apr-07	26-Mar-07	25-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-4	30-Mar-07	1-Mar-07	1-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-5	30-Mar-07	1-Mar-07	1-Apr-07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
P	30-Mar-07	26-Mar-07		0.00	0.00	11,222.26	0.00	0.00	0.00	0.00	0.00	0.00
OC	30-Mar-07	26-Mar-07		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				0.00	0.00	11,222.26	0.00	0.00	0.00	0.00		0.00

[1] Other Interest Proceeds are additional interest amounts specifically allocated to the bond(s) and used in determining the bonds Distributable Interest.
[2] Interest Carry-Forward Shortfall is unpaid interest with interest thereon.
[3] Basis Risk Carry-Forward Shortfall - difference between LIBOR plus margin and the Net Rate Cap.

Revised Date: 10-May-07

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Bond Principal Reconciliation

Class	Original Class Balance	Beginning Class Balance	Scheduled Principal Payment	Unscheduled Principal Payment	Extra Principal Payment	- - - Losses - - - Prior Loss Reimburs.	Current Losses	Cumulative Losses	Interest on Losses	Ending Class Balance	Rated Final Maturity	- Credit Support - Original	Current
A-1	206,221,000.00	200,314,497.72	104,687.42	6,638,649.15	0.00	0.00	0.00	0.00	0.00	193,571,161.15	26-Jan-37	N/A	N/A
M-1	15,478,000.00	15,478,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,478,000.00	26-Jan-37	N/A	N/A
M-2	14,567,000.00	14,567,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14,567,000.00	26-Jan-37	N/A	N/A
M-3	6,676,000.00	6,676,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,676,000.00	26-Jan-37	N/A	N/A
M-4	15,326,000.00	15,326,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,326,000.00	26-Jan-37	N/A	N/A
M-5	4,248,000.00	4,248,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,248,000.00	26-Jan-37	N/A	N/A
B-1	6,676,000.00	6,676,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,676,000.00	26-Jan-37	N/A	N/A
B-2	4,552,000.00	4,552,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,552,000.00	26-Jan-37	N/A	N/A
B-3	4,097,000.00	4,097,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,097,000.00	26-Jan-37	N/A	N/A
B-4	8,497,000.00	8,497,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,497,000.00	26-Jan-37	N/A	N/A
B-5	3,338,000.00	3,338,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,338,000.00	26-Jan-37	N/A	N/A
P	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	26-Jan-37	N/A	N/A
OC	13,814,390.99	13,808,812.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,808,812.79	26-Jan-37	N/A	N/A
Total	303,490,490.99	297,578,410.51	104,687.42	6,638,649.15	0.00	0.00	0.00	0.00	0.00	290,835,073.94			

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Other Related Information

Distributions to P, OC, and R Certificates

	Current Period	Cumulative
Class P	11,222.26	11,222.26
Class OC	1,349,030.35	2,908,047.73
Class R	0.00	0.00
Total Distributed to Above Certificates	**1,360,252.61**	**2,919,269.99**

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Ratings Information

		Original Ratings				Ratings Change / Change Date [1]			
Class	CUSIP	Fitch	Moody's	DBRS	S&P	Fitch	Moody's	DBRS	S&P
A-1	61751PAA5	NR	Aaa	NR	AAA				
M-1	61751PAB3	NR	Aa1	NR	AA+				
M-2	61751PAC1	NR	Aa1	NR	AA				
M-3	61751PAD9	NR	Aa2	NR	AA-				
M-4	61751PAE7	NR	A1	NR	A				
M-5	61751PAF4	NR	A2	NR	A-				
B-1	61751PAG2	NR	A3	NR	BBB+				
B-2	61751PAH0	NR	Baa1	NR	BBB				
B-3	61751PAJ6	NR	Baa2	NR	BBB-				
B-4	61751PAK3	NR	Ba1	NR	BB+				
B-5	61751PAL1	NR	Ba2	NR	BB				
P	9ABSAS293	NR	NR	NR	NR				
OC	9ABSAS301	NR	NR	NR	NR				

NR - Designates that the class was not rated by the rating agency.

[1] Changed ratings provided on this report are based on information provided by the applicable rating agency via electronic transmission. It shall be understood that this transmission will generally have been provided to LaSalle within 30 days of the payment date listed on this statement. Because ratings may have changed during the 30 day window, or may not be being provided by the rating agency in an electronic format and therefore not being updated on this report, LaSalle recommends that investors obtain current rating information directly from the rating agency.

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution	Current		Delinquent 1 Month		Delinquent 2 Months		Delinquent 3+ Months		Foreclosure		REO	
Date	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Total (All Loans)												
25-Apr-07	4,938	290,204,101	15	630,873	0	0	0	0	0	0	0	0
26-Mar-07	5,040	296,827,315	8	750,996	0	0	0	0	0	0	0	0

Total (All Loans)												
25-Apr-07	99.70%	99.78%	0.30%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26-Mar-07	99.84%	99.75%	0.16%	0.25%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
Distribution Date	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Total (All Loans)																								
25-Apr-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	148,366	0	0	0	0	0	0
26-Mar-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	103,557	0	0	0	0	0	0

Total (All Loans)

25-Apr-07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26-Mar-07	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.03%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Revised Date: 10-May-07

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Asset-Backed Facts ~ Current Distribution Loan Status Summary

Delinquency Category	Regular Loans #	Regular Loans Balance	Bankruptcy #	Bankruptcy Balance	Foreclosure #	Foreclosure Balance	REO #	REO Balance	Total #	Total Balance
					Total (All Loans)					
Current	4,689	272,645,111.34	3	103,520.34	0	0.00	0	0.00	4,692	272,748,632
0	245	17,410,623.56	1	44,845.41	0	0.00	0	0.00	246	17,455,469
30	15	630,873.29	0	0.00	0	0.00	0	0.00	15	630,873
60	0	0.00	0	0.00	0	0.00	0	0.00	0	0
90	0	0.00	0	0.00	0	0.00	0	0.00	0	0
120	0	0.00	0	0.00	0	0.00	0	0.00	0	0
150	0	0.00	0	0.00	0	0.00	0	0.00	0	0
180	0	0.00	0	0.00	0	0.00	0	0.00	0	0
210	0	0.00	0	0.00	0	0.00	0	0.00	0	0
240	0	0.00	0	0.00	0	0.00	0	0.00	0	0
270	0	0.00	0	0.00	0	0.00	0	0.00	0	0
300+	0	0.00	0	0.00	0	0.00	0	0.00	0	0

					Total (All Loans)					
Current	94.67%	93.75%	0.06%	0.04%	0.00%	0.00%	0.00%	0.00%	94.73%	93.79%
0	4.95%	5.99%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	4.97%	6.01%
30	0.30%	0.22%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.30%	0.22%
60	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
90	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
150	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
180	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
210	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
240	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
270	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
300+	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

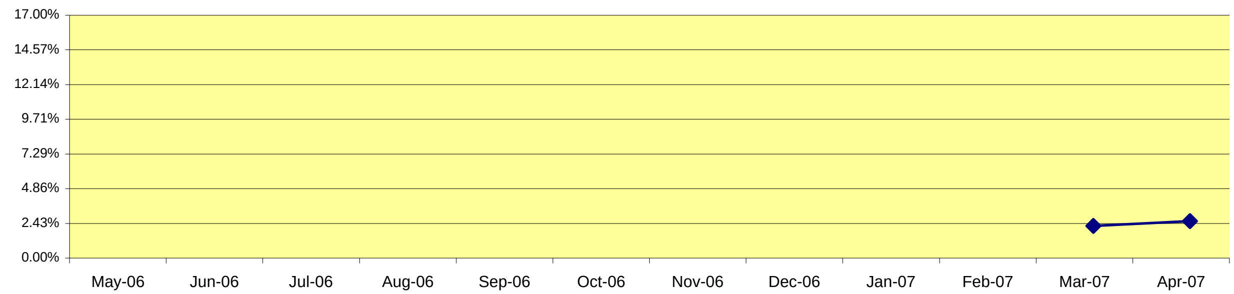
Distribution	Ending Pool		Payoffs		Insurance	Substitution	Liquidation	Realized Losses		Remaining Term	Curr Weighted Avg.	
Date	#	Balance	#	Balance	Proceeds	Proceeds	Proceeds	#	Amount	Life	Coupon	Remit
					Total (All Loans)							
25-Apr-07	4,953	290,834,974	95	6,544,231	0.00	0.00	0.00	0	0	210	11.46%	11.46%
26-Mar-07	5,048	297,578,311	80	5,731,583	0.00	0.00	0.00	0	0	211	11.46%	11.46%

LaSalle Bank
ABN AMRO

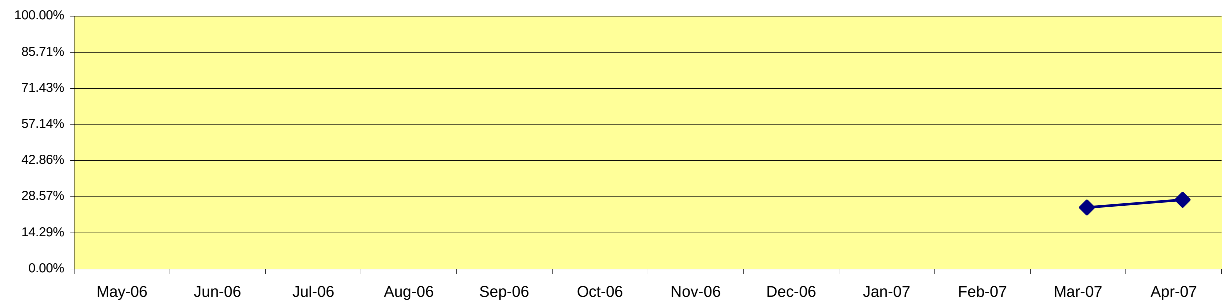
Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Prepayment Summary

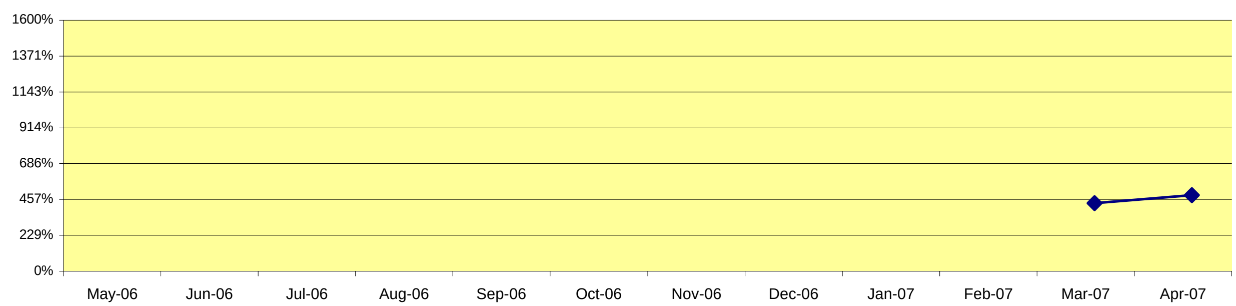
SMM (Single Monthly Mortality)	**Total**
Current Period	2.23%
3-Month Average	2.07%
6-Month Average	2.07%
12-Month Average	2.07%
Average Since Cut-Off	2.07%



CPR (Conditional Prepayment Rate)	**Total**
Current Period	23.73%
3-Month Average	22.21%
6-Month Average	22.21%
12-Month Average	22.21%
Average Since Cut-Off	22.21%



PSA (Public Securities Association)	**Total**
Current Period	395%
3-Month Average	370%
6-Month Average	370%
12-Month Average	370%
Average Since Cut-Off	370%



SMM	Single Monthly Mortality	(Partial and Full Prepayments + Repurchases + Curtailments + Liquidations + Other Prin Proceeds) / (Beginning Collateral Bal - Scheduled Prin)
CPR	Conditional Prepayment Rate	1 - (1 - SMM)^12)
PSA	Public Securities Association	100 * CPR / (0.2 * MIN(30,WAS))
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Mortgage Loan Characteristics Part I

Distribution by Current Ending Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
1,000	to	21,000	494	9.97%	7,818,257	2.69%
21,000	to	26,000	349	7.05%	8,367,067	2.88%
26,000	to	31,000	367	7.41%	10,504,283	3.61%
31,000	to	36,000	423	8.54%	14,208,074	4.89%
36,000	to	41,000	385	7.77%	14,858,134	5.11%
41,000	to	48,000	474	9.57%	21,056,888	7.24%
48,000	to	60,000	688	13.89%	37,106,180	12.76%
60,000	to	72,000	497	10.03%	32,754,350	11.26%
72,000	to	84,000	349	7.05%	27,107,063	9.32%
84,000	to	96,000	260	5.25%	23,378,548	8.04%
96,000	to	107,000	168	3.39%	16,967,821	5.83%
107,000	to	498,000	499	10.07%	76,708,310	26.38%
			4,953	100.00%	290,834,974	100.00%

Distribution by Cut-off Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
2,000	to	21,000	505	9.85%	8,003,432	2.64%
21,000	to	26,000	360	7.02%	8,631,080	2.84%
26,000	to	31,000	380	7.41%	10,874,377	3.58%
31,000	to	36,000	434	8.46%	14,584,064	4.81%
36,000	to	41,000	393	7.66%	15,176,442	5.00%
41,000	to	48,000	489	9.54%	21,706,216	7.15%
48,000	to	60,000	712	13.88%	38,442,081	12.67%
60,000	to	72,000	511	9.96%	33,680,608	11.10%
72,000	to	84,000	367	7.16%	28,517,331	9.40%
84,000	to	96,000	273	5.32%	24,535,875	8.08%
96,000	to	109,000	196	3.82%	19,941,931	6.57%
109,000	to	498,000	508	9.91%	79,396,954	26.16%
			5,128	100.00%	303,490,391	100.00%

Distribution by Current Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.50%	to	9.00%	502	10.14%	27,823,081	9.57%
9.00%	to	9.50%	296	5.98%	16,711,037	5.75%
9.50%	to	10.00%	457	9.23%	24,981,889	8.59%
10.00%	to	10.50%	338	6.82%	19,890,669	6.84%
10.50%	to	11.00%	524	10.58%	33,363,596	11.47%
11.00%	to	11.50%	474	9.57%	29,624,145	10.19%
11.50%	to	11.97%	350	7.07%	22,572,831	7.76%
11.97%	to	12.44%	409	8.26%	25,697,273	8.84%
12.44%	to	12.91%	426	8.60%	27,032,959	9.29%
12.91%	to	13.38%	340	6.86%	19,320,143	6.64%
13.38%	to	13.88%	346	6.99%	18,639,335	6.41%
13.88%	to	18.50%	491	9.91%	25,178,016	8.66%
			4,953	100.00%	290,834,974	100.00%

Distribution by Original Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.50%	to	9.00%	519	10.12%	28,796,979	9.49%
9.00%	to	9.50%	307	5.99%	17,475,848	5.76%
9.50%	to	10.00%	465	9.07%	25,547,230	8.42%
10.00%	to	10.50%	344	6.71%	20,387,284	6.72%
10.50%	to	11.00%	540	10.53%	34,410,092	11.34%
11.00%	to	11.50%	491	9.57%	30,931,939	10.19%
11.50%	to	11.97%	361	7.04%	23,552,371	7.76%
11.97%	to	12.44%	426	8.31%	27,255,848	8.98%
12.44%	to	12.91%	452	8.81%	29,059,170	9.57%
12.91%	to	13.38%	355	6.92%	20,395,972	6.72%
13.38%	to	13.88%	357	6.96%	19,229,974	6.34%
13.88%	to	18.50%	511	9.96%	26,447,683	8.71%
			5,128	100.00%	303,490,391	100.00%

Revised Date: 10-May-07

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Mortgage Loan Characteristics Part II

Distribution by Product Characteristics (Current)

Product Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Fixed 2nd Lien	4,953	290,834,974	100.00%	210.29	11.45%
Total	4,953	290,834,974	100.00%		

Distribution by Product Characteristics (Cut-off)

Product Type	# of Loans	Original Principal Balance	% of Balance	WAMM	WAC
Fixed 2nd Lien	5,128	303,490,391	100.00%	217.91	11.46%
Total	5,128	303,490,391	100.00%		

Distribution by Product Characteristics (Current)

Product Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Fixed 2nd Lien	4,953	290,834,974	100.00%	210.29	11.45%
Total	4,953	290,834,974	100.00%		

Distribution by Product Characteristics (Cut-off)

Product Type	# of Loans	Original Principal Balance	% of Balance	WAMM	WAC
Fixed 2nd Lien	5,128	303,490,391	100.00%	217.91	11.46%
Total	5,128	303,490,391	100.00%		

LaSalle Bank ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Mortgage Loan Characteristics Part II

Distribution by Property Types (Current)

Property Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
SF Unattached Dwelling	2,820	160,415,155	55.16%	202.05	11.24%
PUD	1,148	68,088,904	23.41%	226.30	11.48%
Multifamily	493	37,127,243	12.77%	222.67	12.12%
Condo - Low Facility	492	25,203,672	8.67%	201.33	11.71%
Total	4,953	290,834,974	100.00%		

Distribution by Property Types (Cut-off)

Property Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
SF Unattached Dwelling	2,925	168,022,329	55.36%	209.41	11.26%
PUD	1,189	71,125,972	23.44%	234.39	11.50%
Multifamily	505	38,100,982	12.55%	229.79	12.10%
Condo - Low Facility	509	26,241,108	8.65%	210.43	11.72%
Total	5,128	303,490,391	100.00%		

Distribution by Occupancy Type (Current)

Occupancy Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	3,832	240,780,952	82.79%	211.52	11.17%
Non-Owner Occupied	899	37,644,974	12.94%	205.18	12.98%
Owner Occupied - Secondary Residence	222	12,409,047	4.27%	202.02	12.17%
Total	4,953	290,834,974	100.00%		

Distribution by Occupancy Type (Cut-off)

Occupancy Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	3,960	251,229,878	82.78%	219.27	11.19%
Non-Owner Occupied	937	39,208,360	12.92%	212.31	12.99%
Owner Occupied - Secondary Residence	231	13,052,153	4.30%	208.64	12.20%
Total	5,128	303,490,391	100.00%		

Revised Date: 10-May-07

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Mortgage Loan Characteristics Part II

Distribution by Loan Purpose (Current)

Loan Purpose	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Purchase	3,971	229,222,789	78.82%	210.93	11.56%
Refinance/Equity Takeout	798	52,453,216	18.04%	208.01	11.09%
Refinance/No Cash Out	184	9,158,969	3.15%	207.39	10.71%
Total	4,953	290,834,974	100.00%		

Distribution by Loan Purpose (Cut-off)

Loan Purpose	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Purchase	4,119	239,428,600	78.89%	218.85	11.58%
Refinance/Equity Takeout	820	54,531,639	17.97%	214.49	11.09%
Refinance/No Cash Out	189	9,530,152	3.14%	214.14	10.71%
Total	5,128	303,490,391	100.00%		

Distribution by Originator Concentration > 10% (Current)

Originator	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Morgan Stanley	4,931	289,375,240	99.50%	210.49	11.45%

Distribution by Originator Concentration > 10% (Cut-off)

Originator	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Morgan Stanley	5,106	302,029,371	99.52%	218.10	11.47%

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Geographic Concentration

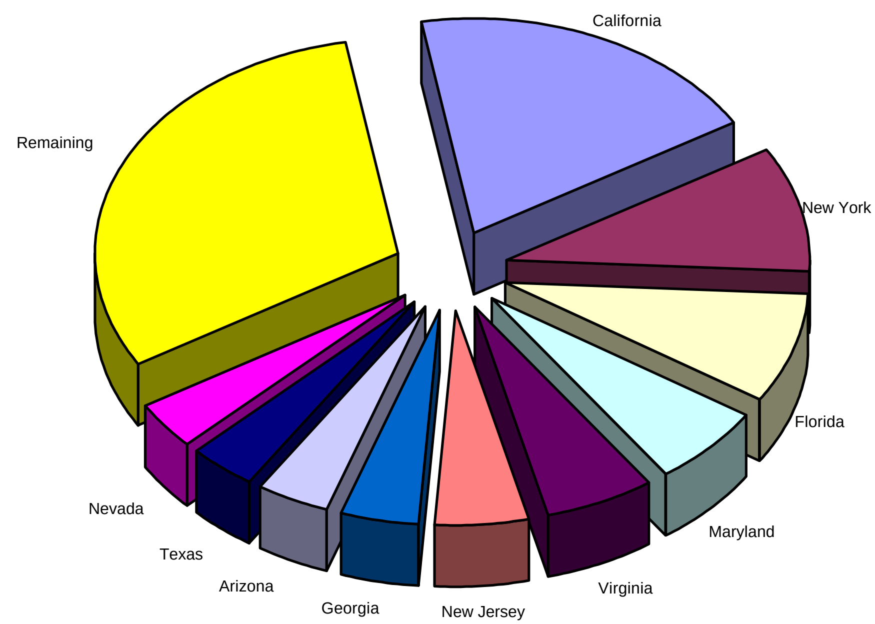
Top 10 Current State Concentration

Geographic Distribution	# of Loans	Balance [1]	% of Balance	WAMM	WAC
California	630	56,046,742	19.27%	202	10.88%
New York	268	27,211,594	9.36%	233	11.68%
Florida	463	24,528,493	8.43%	198	12.12%
Maryland	250	17,828,756	6.13%	221	11.59%
Virginia	255	16,822,117	5.78%	209	11.60%
New Jersey	216	14,546,179	5.00%	199	11.56%
Georgia	301	12,083,257	4.15%	278	11.73%
Arizona	194	11,045,957	3.80%	194	11.67%
Texas	327	10,755,204	3.70%	214	11.27%
Nevada	165	10,620,641	3.65%	196	11.47%
Remaining	1,884	89,346,033	30.72%	206	11.43%

Top 10 Original State Concentration

Geographic Distribution	# of Loans	Balance [1]	% of Balance	WAMM	WAC
California	654	58,721,705	19.35%	209	10.90%
New York	270	27,376,017	9.02%	240	11.68%
Florida	474	25,139,966	8.28%	206	12.14%
Maryland	264	18,998,906	6.26%	229	11.58%
Virginia	269	18,066,577	5.95%	221	11.68%
New Jersey	225	15,058,816	4.96%	206	11.56%
Arizona	208	12,411,237	4.09%	205	11.68%
Georgia	304	12,241,148	4.03%	286	11.72%
Texas	330	10,847,871	3.57%	222	11.27%
Nevada	167	10,714,714	3.53%	203	11.46%
Remaining	1,963	93,913,433	30.94%	213	11.45%

Top 10 Current State Concentration



[1] Based on Current Period Ending Principal Balance

Revised Date: 10-May-07

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Current Period Realized Loss Detail

Disclosure Control #	Period	Original Liquidation Balance	Net Liquidation Proceeds	Loss-Loan Non-adjusted	Loss to Trust	Loss-Certs Non-adjusted	Subsequent Recov/(Exp)	Loss-Loan Adjusted	Loss-Certs Adjusted	Liq Type	Adj Type

Liq. Type Code - Legend				**Adjustment Legend**			
Charge-off	C	REO	R	Escrow Bal/Adv	1	Third Party	6
Matured	M	Short Pay	S	MREC	2	Charged Off/Matured	7
Repurchase	N	Third Party	T	Rest'd Escrow	3	Side Note	8
Note Sale	O	Write-off	W	Replacement Res.	4	Manual	9
Paid in Full	P			Suspense	5		

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

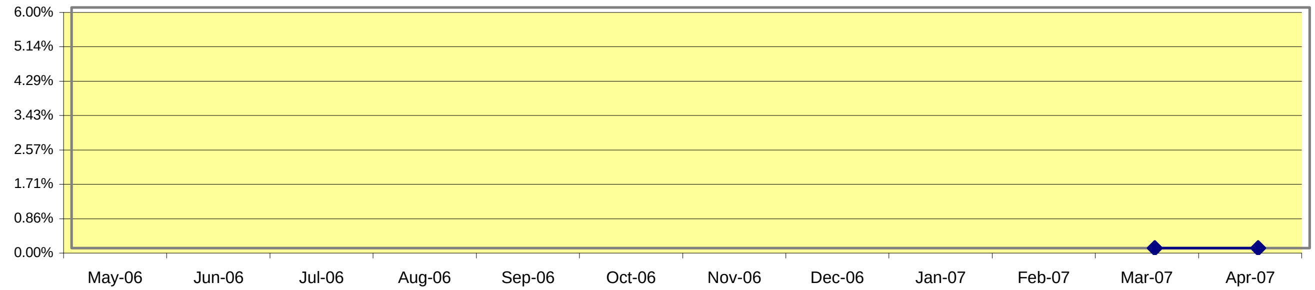
Distribution Date: 25-Apr-07
Historical Realized Loss Summary
Total (All Loans)

Distribution Date	Current Realized Loss: Beginning Scheduled Balance	Current Realized Loss: Net Liquidation Proceeds	Current Realized Loss: Realized Loss	Current Realized Loss: Loan Count	Previous Liquidations/Payoffs: Claims on Prior Liquidations Amount	Claims on Prior Liquidations Count	Recovery on Prior Liquidations Amount	Recovery on Prior Liquidations Count	(Claims)/Recoveries on Prior Payoffs Amount	(Claims)/Recoveries on Prior Payoffs Count	Realized Loss Adjusted	Cumulative Realized Loss
25-Apr-07	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
26-Mar-07	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	

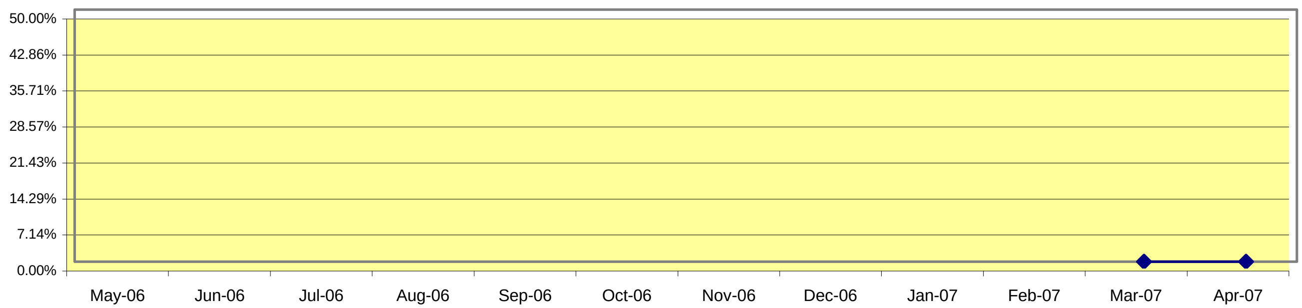
Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Realized Loss Summary

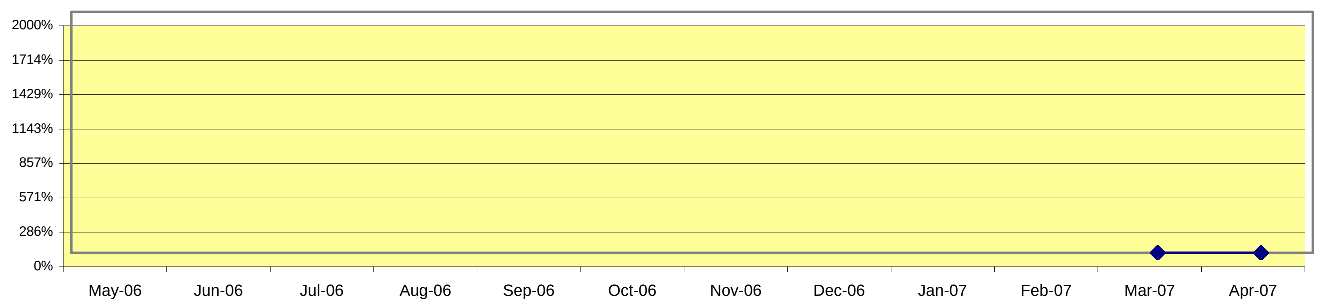
MDR (monthly Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



CDR (Conditional Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



SDA (Standard Default Assumption)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



MDR	Monthly Default Rate	(Beginning Principal Balance of Liquidated Loans) / (Total Beginning Principal Balance)
CDR	Conditional Default Rate	1 - (1 - MDR)^12
SDA	Standard Default Assumption	If WAS=30 then CDR/(WAS*0.02) else if 30<WAS=60 then CDR/0.6 else if 60<WAS=120 then CDR/(0.6-((WAS-60)*0.0095)) else if WAS>120 then CDR/0.03
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

Revised Date: 10-May-07

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Material Breaches Detail

Disclosure Control #	Loan Group #	Ending Principal Balance	Material Breach Date	Material Breach Description

Material breaches of pool asset representation or warranties or transaction covenants.

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Modified Loan Detail

Disclosure Control #	Loan Group #	Modified Maturity Date	Cutoff Maturity Date	Modification Description

Modifications include any extensions or waivers to the mortgage loan terms, fees, penalties or payments during the preceding calendar month or that have become material over time.

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Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Deleted and Replacement Mortgage Loan Detail

Disclosure Control #	Beginning Principal Balance	Deleted / Replacement

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Charged-off and Released Mortgage Loan Detail

Disclosure Control #	Stated Principal Balance	Charged-off / Released

Revised Date: 10-May-07

LaSalle Bank
ABN AMRO

Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Substitution Detail History

- - - Loans Substituted Into Pool - - -			- - - - - - - - - - Loans Substituted Out of Pool - - - - - - - - - -				
Investor #	Period	Beginning Principal Balance	Investor #	Period	Beginning Principal Balance	Adjusted for Principal	Substitution Code

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Morgan Stanley Mortgage Loan Trust
Mortgage Pass-Through Certificates
Series 2007-4SL

Distribution Date: 25-Apr-07
Substitution Detail History Summary

	- - - Loans Substituted Into Pool - - -		- - - Loans Substituted Out of Pool - - -			
Period	Count	Beginning Principal Balance	Count	Beginning Principal Balance	Adjusted for Principal	Difference Into vs. Out